

## **METHOD AND APPARATUS FOR CANCELING A TRANSMIT SIGNAL SPECTRUM IN A RECEIVER BANDWIDTH**

### Abstract of the Disclosure

A method and apparatus for attenuating a transmit signal spectrum in a receiver bandwidth. The apparatus relates to an adaptive, digital, coherent, spectral canceller. The method comprises digitizing both a corrupted receiver signal and a reference transmit signal and then digitally implementing an adaptive coherent spectral canceller module to suppress a residue transmit spectral signal power within the receiver bandwidth.

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